



# Sony Walkman NWZ-E438 USB Port Replacement

Follow this guide to replace the USB port.

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 **TOOLS:**

- [Tweezers \(1\)](#)
- [Phillips #000 Screwdriver \(1\)](#)
- [iFixit Opening Tools \(1\)](#)
- [Solder Vacuum \(1\)](#)
- [Soldering Iron \(1\)](#)

## Step 1 — Disassembling Sony Walkman NWZ-E438



- Unscrew the two screws on the back of the device using a Phillips PH000 screwdriver.
- (i)* Keep the Phillips PH000 screwdriver aside for further steps in the guide. It will be the only screwdriver needed for this replacement.

## Step 2



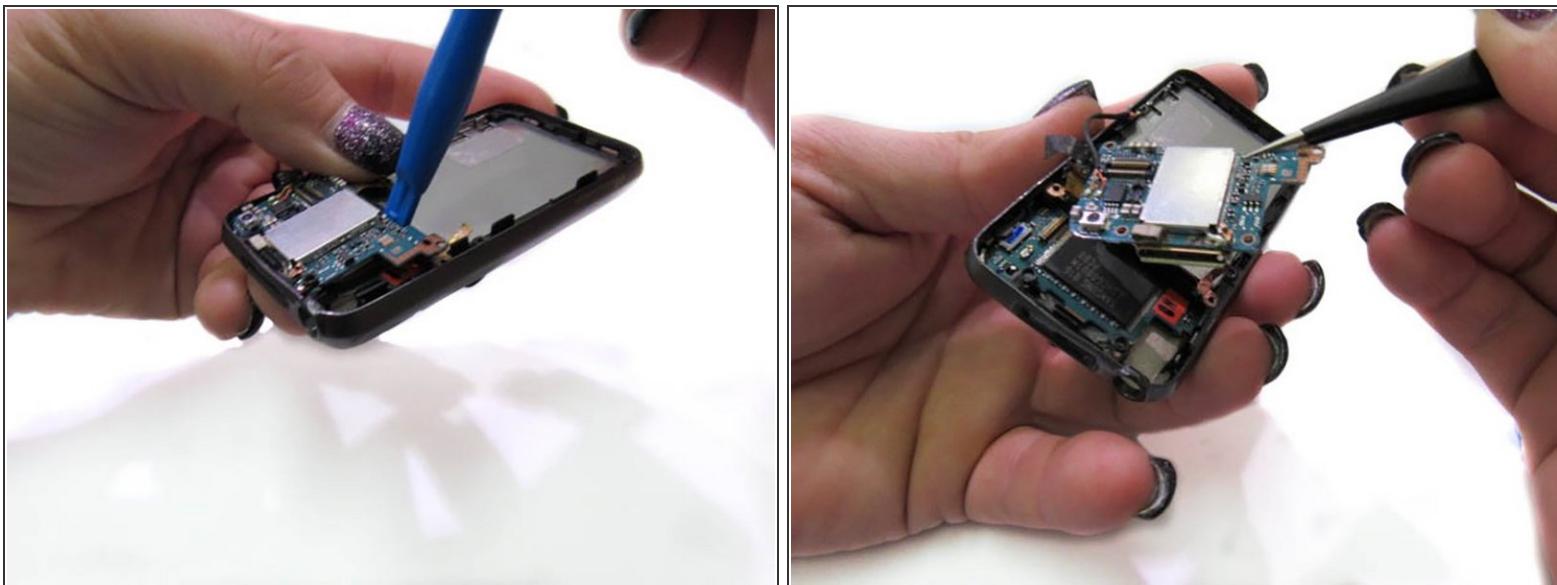
- Use a small prying tool to carefully pry open the back of the device.

## Step 3 — Circuit Board



- First, you must remove the black tape on the circuit board.
- Next, pull up on the red and gold band until it detaches from the chip.

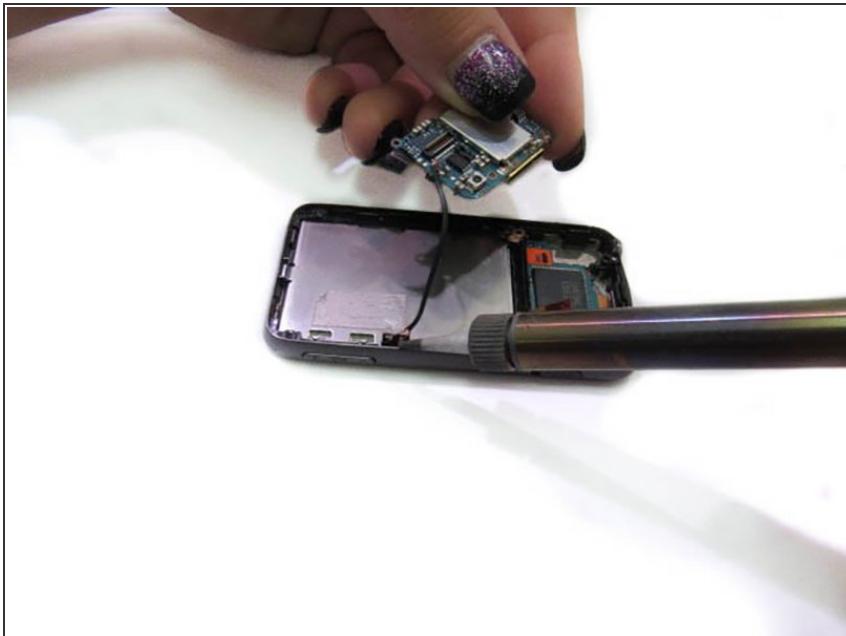
## Step 4



- Using a small plastic prying tool, slip the end under the device circuit board and slowly lift it.
- Once the circuit board is lifted, carefully remove the chip with tweezers.

 The circuit board will still be connected to the device by a wire.

## Step 5



- Using a soldering iron, carefully heat the metal connecting the wires from the device to the circuit board.

 You will need the soldering iron to reattach those wires once you've replaced the circuit board.

## Step 6



- Carefully remove the circuit board from the device.

## Step 7 — USB Port



- Using fine point tweezers, push them between the chip and USB port.

## Step 8



- Slowly pry the USB port off of the chip.

**i** You will need to solder the new USB onto the circuit board.

## Step 9



- Remove USB port.

To reassemble your device, follow these instructions in reverse order.